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January 5, 2005

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To: Examiner Renzo Rocchegiani
Firm: COMMISSIONER FOR PATENTS

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Fax Number: 703/872-9306

JAN 05 2005

Client Number: MIO 0109 PA

Pages: 6
(including cover)

Comments: **OFFICIAL OFFICIAL OFFICIAL**

Applicant : Jingyi Bai et al.
Serial No. : 10/618,220
Filed : July 11, 2003
Title : METHODS FOR FILLING HIGH ASPECT RATIO
TRENCHES IN SEMICONDUCTOR LAYERS
Art Unit : 2825
Examiner : Renzo Rocchegiani

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JAN 05 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of


Applicant : Jingyi Bai et al.
Serial No. : 10/618,220
Filed : July 11, 2003
Title : METHODS FOR FILLING HIGH ASPECT RATIO TRENCHES IN
SEMICONDUCTOR LAYERS
Docket No. : MIO 0109 PA
Art Unit : 2825
Examiner : Renzo Rocchegiani

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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Agent


Reg. No. 38,769

REQUEST FOR CONSIDERATION OF INFORMATION DISCLOSURE STATEMENT

In reviewing the Notice of Allowance mailed December 20, 2004 in this application, applicants noted that the Information Disclosure Statement filed on October 3, 2003 was not previously considered by the Examiner. Accordingly, applicants are submitting herewith a copy of the Information Disclosure Statement as filed along with a copy of the date-stamped return card received from the Patent Office. Applicants respectfully request entry and consideration of the Information Disclosure Statement.

Respectfully submitted,

DINSMORE & SHOHL LLP

By 

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

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JAN 05 2005

Applicants : Bai et al.
Serial No. : 10/619,220
Filed : July 11, 2003
Title : **METHODS FOR FILLING HIGH ASPECT RATIO TRENCHES IN SEMICONDUCTOR LAYERS**
Docket : MIO 0109 PA/40509.247/02-1541

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the
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1450 on October 3, 2003.

Joan N. Williams
Joan N. Williams - Attorney Reg. No. 52,364

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in 37 CFR §1.491 in an international application.

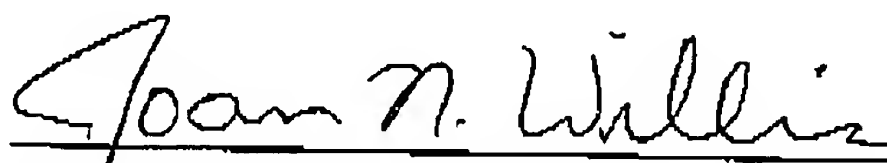
The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all

Serial No. 10/619,220

Docket No. MIO 0109 PA/40509.247/02-1541

U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,
DINSMORE & SHOHL LLP

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JNW/ems
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PTO/SB/08A (09-03)

Approved for use through 07/31/2006. OMB 0851-0031

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/619,220
		Filing Date	July 11, 2003
		First Named Inventor	Jingyi Bai
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	MIO 0109 PA/40509.247/02-1541	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,395,150 B1	05/28/2002	Van Cleemput et al.	
		US- 6,365,015 B1	04/02/2002	Shan et al.	
		US- 6,211,040 B1	04/03/2001	Liu et al.	
		US- 6,200,911 B1	03/13/2001	Narwankar et al.	
		US- 6,194,038 B1	02/27/2001	Rossman	
		US- 6,129,819	10/10/2000	Shan et al.	
		US- 6,030,881	02/29/2000	Papasoulotis et al.	
		US- 5,872,058	02/16/1999	Van Cleemput et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ^a	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Papers: Information Disclosure Statement (2 pgs.), PTO/SB/08a

Inventor(s): Bai et al.

Title: METHODS FOR FILLING HIGH ASPECT RATIO TRENCHES IN SEMICONDUCTOR LAYERS

Serial No.: 10/619,220

Docket No.: MIO 0109 PA/40509.24/02-1541

Date Due: 10/11/2003

JNW/ems
October 3, 2003

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